WHAT IS CLAIMED IS:

1.   A method for performing analytical reporting on top of a multidimensional data model built on top of a relational or multidimensional database, wherein the database operates in a computer system and provides returned values responsive to queries specified in a predefined query language, wherein the database supports the use of functions and operators to perform operations on values within the database, wherein the multidimensional data model includes a plurality dimensions organizing data as sets of values organized in a hypercube, wherein the method includes a user interface executing on a computer system operated by a human user, wherein the computer system executing the user interface includes a processor coupled to a memory, wherein the processor is further coupled to the user interface, data model, and the database, the method comprising the following acts:

displaying a reporting object that displays values selected by one or more axes of the multidimensional data model;

displaying a hierarchical view of at least a part of a hypercube in the multidimensional data model showing dimensions and dimension members of the hypercube;

using the user interface to associate a first dimension object with the reporting object; and

displaying a set of reporting objects, each corresponding to a member of the dimension, where the reporting object displays values of measures of the corresponding dimension member including multiple blocks synchronized along a common axis, nested sections, and breaks.

2.   The method of claim further comprising the acts of:

displaying an analysis user interface;

selecting a cell of said reporting object; and

utilizing a GUI tool to select an OLAP analysis action to be performed on the cell.

3.   The method of claim 2 further comprising the act of:

selecting the OLAP analysis action to be drill down or drill up.

1   4.   The method of claim 1 further comprising the acts of:

2   associating a specific member of the first dimension object with the

3 first dimension object to select only the specific member when displaying the reporting

4 object.

1   5.   The method of claim 1 further comprising the acts of:

2   associating a second dimension object, nested under the first dimension

3 object, with the reporting object; and

4   defining a filter to sort the second dimension object according to a

5 specified criteria.

1   6.   A computer program product for performing analytical reporting on

2 top of a multidimensional data model built on top of a relational or multidimensional

3 database, wherein the database operates in a computer system and provides returned values

4 responsive to queries specified in a predefined query language, wherein the database supports

5 the use of functions and operators to perform operations on values within the database,

6 wherein the multidimensional data model includes a plurality dimensions organizing data as

7 sets of values organized in a hypercube, wherein the method includes a user interface

8 executing on a computer system operated by a human user, wherein the computer system

9 executing the user interface includes a processor coupled to a memory, wherein the processor

10 is further coupled to the user interface, data model, and the database, the method comprising

11 the following acts:

12   a computer readable medium having program code embodied therein, said

13 program code further comprising:

14   program code executed by the processor for displaying a reporting

15   object the displays values selected by one or more axes of the multidimensional data

16   model;

17   program code executed by the processor for displaying a hierarchical

18   view of at least a part of a hypercube in the multidimensional data model showing

19   dimensions and dimension members of the hypercube;

20   program code executed by the processor for enabling using the user

21   interface to associate a first dimension object with the reporting object; and

22	program code executed by the processor for displaying a set of
23	reporting objects, each corresponding to a member of the dimension, where the
24	reporting object displays values of measures of the corresponding dimension member
25	including multiple blocks synchronized along a common axis, nested sections, and
26	breaks.